Technical sheet :

MT 1840 A 100D ST5 S1



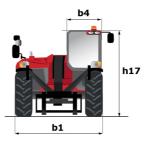


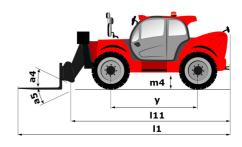
мт 1840 A 100D ST5 S1 Created on July 3, 2025 at 9:48 PM UTC

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|--|--|
| Capacities | Imperial |
| Max. capacity | 8818 lb |
| Max. lifting height | 57 ft 7 in |
| Maximum outreach | 42 ft 11 in |
| Breakout force with bucket | 8391 daN |
| Neight and dimensions | |
|)verall length to carriage | l11 20 ft 2 in |
| ength to face of forks | 12 20 ft 7 in |
| overall width | b1 7 ft 9 in |
| Overall height | h17 8 ft |
| Vheelbase | y 10 ft 1 in |
| Ground clearance | m4 1 ft 3 in |
| Iverall cab width | b4 2 ft 11 in |
| | a4 12 ° |
| iilt-up angle | |
| iilt-down angle | |
| External turning radius (over tyres) | Wa1 12 ft 11 in |
| Jnladen weight (with forks) | 27888 lb |
|)verall weight | 27337 lb |
| Tires type | Pneumatic |
| Standard tires | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s 47 in x 5 in x 2 in |
| Performances | |
| ifting | 14 s |
| owering | 14 s |
| Extension | 19 s |
| Retraction | 15 s |
| Ссоор | 5 s |
| Dump | 5 s |
| Ingine | |
| Engine brand | Deutz |
| Engine norm | Stage V |
| | TCD 3.6 |
| Engine model | |
| Number of cylinders / Capacity of cylinders | 4 - 221 in ³ |
| .C. Engine power rating - Power | 100 Hp / 75 kW |
| Max. torque / Engine rotation | 302 ft/lbs @ 1600 rpm |
| Drawbar pull (Laden) | 8391 daN |
| Transmission | |
| Fransmission type | Torque converter |
| Number of gears (forward / reverse) | 4 / 4 |
| ravel speed (laden) | 16 mph |
| fax. travel speed | 15 mph |
| Max. travel speed (may vary according to applicable regulations) | 15 mph |
| Parking brake | Automatic negative parking brake |
| Service brake | Oil-immersed multi-discs on front & rear axle |
| lydraulics | |
| łydraulic pump type | Gear pump |
| lydraulic flow / Pressure | 44 US gpm-3916 PSI |
| ank capacities | |
| ingine oil | 3 US gal |
| łydraulic oil | 36 US gal |
| Diesel Exhaust fluid (AdBlue® type) | 6 US gal |
| uel tank | 37 US gal |
| | 37 US gai |
| loise and vibration | |
| loise at driving position (LpA) | 79 dB |
| Noise to environment (LwA) | 106 dB |
| /ibration on hands/arms | < 2.50 m/s ² |
| Miscellaneous | |
| Steering wheels (front / rear) | 2/2 |
| Drive wheels (front / rear) | 2/2 |
| Cab certification | Cabin ROPS - FOPS level 2 |
| Controls | JSM |

MT 1840 A 100D ST5 S1 - Dimensional drawing









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